



#5  
(N.E.)  
520.39555X00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: S. SHIMA, et al

Serial No.: 09/769,270

Filed: January 26, 2001

For: DATA MANAGEMENT SYSTEM FOR STORAGES

Group: 2172

Examiner: T. Nguyen

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**Technology Center 2100**

**SUBMISSION OF SUBSTITUTE SPECIFICATION**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

June 30, 2003

Sir:

Attached please find a substitute specification for the above-referenced application. Please note that the attached substitute specification does not contain any new matter. Also attached is a marked-up copy of the specification as originally filed.

It is respectfully requested that any shortage in the fees be charged to the Deposit Account of Antonelli, Terry, Stout & Kraus, LLP, Account No. 01-2135 (Case No. 520.39555X00).

Respectfully submitted,

\_\_\_\_\_  
Carl I. Brundidge  
Registration Number: 29,621  
ANTONELLI, TERRY, STOUT & KRAUS, LLP

CIB/jdc  
(703) 312-6600

6/A



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AMENDMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

June 30, 2003

Sir:

In response to the Office Action dated January 29, 2003, please amend the above-identified application as follows.